

04/18/00
JC806 U.S. PTO
Frederick P. Fish
1855-1950
W.K. Richardson
1859-1951

FISH RICHARDSON P.C.

45 Rockefeller Plaza
Suite 2800
New York, New York
10111

April 18, 2000

Telephone
212 765-5070

Facsimile
212 258-2291

Attorney Docket No.: 02893-036001

Web Site
www.fr.com

Box Patent Application
Commissioner of Patents
Washington, DC 20231

JC135 U.S. PTO
09/551716
04/18/00

Presented for filing is a new continuation-in-part patent application of:

Applicant: MARK A. REED, JAMES M. TOUR, JIA CHEN, ADAM M.
RAWLETT AND DAVID W. PRICE

Title: MOLECULAR SCALE ELECTRONIC DEVICES

Enclosed are the following papers, including those required to receive a filing date
under 37 CFR 1.53(b):

| | Pages |
|---------------|------------|
| Specification | 28 |
| Claims | 3 |
| Abstract | 1 |
| Declaration | [Unsigned] |
| Drawing(s) | 11 |

Enclosures:
— Postcard.

This application is a continuation-in-part (and claims the benefit of priority under
35 USC 120) of U.S. Provisional Application Serial No. 60/154,716, filed September
20, 1999, U.S. Provisional Application Serial No. 60/157,149, filed September 30,
1999 and U.S. Application Serial No. 09/527,885, filed March 20, 2000. The

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EE647185048US

I hereby certify under 37 CFR §1.10 that this correspondence is being
deposited with the United States Postal Service as Express Mail Post
Office to Addressee with sufficient postage on the date indicated below
and is addressed to the Commissioner of Patents, Washington,
D.C. 20231.

Date of Deposit April 18, 2000

Signature *Peter F. Consoli*

Peter F. Consoli
Typed or Printed Name of Person Signing Certificate

BOSTON
DELAWARE
NEW YORK
SAN DIEGO
SILICON VALLEY
TWIN CITIES
WASHINGTON, DC

Commissioner of Patents

April 18, 2000

Page 2

disclosure of the prior application is considered part of (and is incorporated by reference in) the disclosure of this application.

This application is entitled to small entity status. A small entity statement will be filed at a later date.

| | |
|--|-------|
| Basic filing fee | \$345 |
| Total claims in excess of 20 times \$9 | \$54 |
| Independent claims in excess of 3 times \$39 | \$39 |
| Fee for multiple dependent claims | \$0 |
| Total filing fee: | \$438 |

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

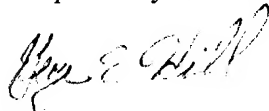
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (617) 542-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

ERIC L. PRAHL
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

Respectfully submitted,



George E. Heibel, Ph.D.
Reg. No. 42,648
Enclosures
GEH/sym
30015394.doc